### DISTRIBUTION 100K PROJECT MANAGERS MEETING MINUTES October 14, 2010

DOE/RL

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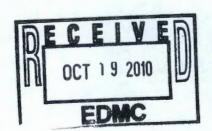
**EPA** 

Rod Lobos B1-46

**CHPRC** 

Reed Kaldor (original) X4-01

Administrative Record (2) H6-08
Correspondence Control A3-01



#### Meeting Minutes Transmittal/Approval 100K Project Managers Meeting October 14, 2010

APPROVAL:

Tom Teynor, 100K Project Manager, DOE RL

Date: 10-14- 2010

APPROVAL:

Rod Lobos 100K Project Manager, EPA

HFFACO Action Plan Section 4.1 states that agreements and commitments resulting from the Project Managers meetings will be prepared and signed by all parties. Approval of these minutes documents approval of agreements and commitments documented in Attachments 2 and 3 to these minutes. Approvals does not apply to any other attachments. Any other attachments are provided for information purposes.

Minutes of the 100K Project Managers meeting of October 14, 2010 are attached. Minutes are comprised of the following.

Attachment 1 Attendance Record

Attachment 2 Milestone Status Report with Agreements,

Commitments and Actions Identified

Attachment 3 Change Request Status with approved changes

signed off at meeting

### 100K Project Managers Meeting October 14, 2010

Please print clearly and use black ink

Printed Name	Organization	Telephone
J.L. West cott	04/ CHPRC	3-9800
E.B. Dagan	DIE-RI ABC	376-3811
Tyn Teyner	DOE-RL	376-6363
Red Cabos	EPA	376-3749
Terry Kissong	CHIRC	372-0677
Mike Davis	CHPRC STP	372-9743
Dovid Watson	CHPRC	373-3250
Kust Kehler	CHPRC	376-0566
Breth Barnes	CHPRC	521-3053
Ranchy Havenor	CHPRC	376-0981
Bob Cathel	CHERC	373-0871
Steve Balone	208.20	376.0236
Reed Kaldor	CHERC	372-1992

## ATTACHMENT 2 100K AREA PROJECT MANAGERS MEETING MILESTONE STATUS

#### October 14, 2010

M-016-140 Submit revised RD/RA Work Plans for 100 K Area RODs as primary document(s) per HFFACO11.6 with new proposed milestones including for the following:

- Complete removal of the K West Basin
- Complete removal of all sludge (includes container, settler tank sludge) from K West Basin except knock out pot contents
- · Complete removal of knock out pot contents
- Complete treatment and packaging of first container of TRU sludge waste certifiable for disposal at WIPP
- · Complete treatment and packaging of sludge for disposal at WIPP
- Begin 105-KW reactor interim safe storage
- Complete 105-KW reactor interim safe storage
- Initiate soil remediation under KW Basin
- Complete all interim response actions at the 100K Area.

#### Due 3/31/11, DOE Lead Roger Quintero

- RD/RA Work Plans Preparation of three of the five RD/RA work plans has started (schedule attached).
  - Removal of all Sludge and KOP contents from the K West Basin Submittal of draft A to EPA is expected by December 30, 2010.
  - Deactivation of the K West Basin Submittal of draft A to EPA is expected by January 6, 2011.
  - Demolition/Removal of the K West Basin Submittal of draft A to EPA is expected by January 19, 2011.
  - The 105KW ISS Activities will continue under the current RD/RAWP (DOE/RL-2005-26, Rev. 1). A new document is not required for this work until a decision is made regarding core removal at 105KW.
  - Treatment and Packaging of Sludge for Disposal at WIPP Design will not be sufficiently mature by 2011 to support a useful work plan. RL is working with EPA regarding options to complete this work. A high-level pre-conceptual design summary of the path forward for sludge treatment and packaging will be incorporated into the RD/RAWP for Removal of all Sludge and KOP contents from the K West Basin.

All elements of the milestone are on track for completion by March 31, 2011, except for sludge treatment and packaging.

- Removal of Engineered Container (EC) sludge (STP Phase 1)
  - Readiness reviews for sampling settler tank sludge in EC 230 were completed and sampling has commenced.
  - Engineering, technology readiness, and related testing are in progress to support completion of Phase 1 preliminary design

- Treatment and Packaging of EC sludge (STP Phase 2 Technology Evaluation and Alternatives Analysis)
  - Technology Evaluation test plans are in place with 5 commercial vendors and PNNL evaluating 8 different technical approaches. Current schedule for completion of bench scale proof-of-concept testing should be completed by December 2010, with the contractor's Technology Evaluation and Alternatives Analysis completed in June 2011.
- Removal of Knockout Pot (KOP) material
  - Complete final design and continued testing for KOP material disposition (pretreatment and final processing).
  - The formal design review of the preliminary design for KOP processing was completed.
  - O KOP pretreatment (size reduction, density and wire separation) is currently planned to start in CY2011, the RD aspects of pretreatment in the RD/RAWP submittal for sludge removal will be at a 90% level to satisfy the informational requirements for a RDR.
- K West Basin response action activities
  - Sludge vacuuming of the floor and pits is progressing consistent with the June 2010 sludge vacuuming strategy. Vacuuming in the three basin bays has been completed except for the North Load Out Pit.
  - Debris removal is holding at 610 debris units removed to date.
  - Dose rate measurements on underwater debris are being taken for disposition planning in addition to removing debris.
  - o A draft of the Work Plan for Satisfying the K Basin Interim Remedial Action End Point Criteria, i.e. the qualified process, is being prepared.
  - Plans are being made to receive SNF fragments at KW Basin from remediation activities at 100-D and 100-H Areas.

Schedule Status: On schedule to meet milestone.

#### Agreements, Commitments and Actions:

RL informed EPA that the milestone is at risk only for STP Phase II treatment and packaging. RL and EPA agreed to work together to develop a new path forward to resolve this matter.

RL and EPA agreed that sludge vacuuming is complete pursuant to the June 2010 strategy and assuming that compliance to the ERDF WAC is demonstrated. Also, assuming that the video of the NLOP is acceptable. RL informed EPA that the Qualified Process documents are coming.

RL and EPA agreed that the transfer of spent nuclear fuel (SNF) from 100-D Area and additional SNF from 100-H Area planned for early CY2011 to K Basins is approved in accordance with the April 2001 agreement (01-SFO-064, dated April 5, 2001) for the transfer of SNF to K Basins.

M-016-53 Complete the interim response actions for the 100 K Area within the perimeter boundary and to the river for Phase 1 actions. Due 12/31/2012, DOE Lead Ellen Dagan

- Completed demolition of the above grade portion of 115KE Gas Recirculation Building.
- Completed demolition of the 183.7KW Pipe Tunnel.
- Continued demolition of the 183.2KW Sedimentation Basin.
- Excavation and loadout was performed for wastes sites 120-KW-1 and 100-K-63. A total of 1,595 containers for 34,770 tons of waste were shipped to ERDF during September 2010.
- CHPRC authorized to proceed with removal of the 105KE Fuel Storage Basin wall and remaining floor.
- Planning continued for remediation work on 115-KE, 117-KE, 1706-KE, 1706-KER and 116-KE-1.

Schedule Status: On schedule to meet milestone.

Agreements,	Commitments	and	Actions
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None.				

M-016-143 Complete the interim response actions for the 100 K Area within the perimeter boundary and to the river for Phase 2 actions. Due 12/31/2015, DOE Lead Ellen Dagan

- Began cold and dark preparations for 115 KW Gas Recirculation Building.
- Continued characterization of 117 KW Exhaust Air Filter Building.
- Excavation and loadout was performed for wastes sites 100-K-102 and 1607-K3. A total of 139 containers for 4591 tons of waste were shipped to ERDF during September 2010.
- Waste site remediation continues to be tracked to monitor progress on the schedule for the 100-K West Vadose Zone In Situ Bio-Infiltration Treatability Test. Coordination with required utilities (water, electricity, access) is ongoing.

Schedule Status: On schedule to meet milestone.

#### Agreements, Commitments and Actions:

None.			

M-093-22 Complete 105KE Reactor interim safe storage in accordance with remedial design/remedial action work plan. Due 07/31/2014, DOE Lead Ellen Dagan

- Obtaining laboratory data on samples from the core borings.
- Characterization report submitted to RL.
- Preliminary design review comments are being incorporated.

- Design review meeting planned for November 2010.
- Began demolition on west side of building.

Schedule Status: On Schedule.

Agreements,	Commitments	and Actions:
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None.				

#### Clark, Carol S

From: Sent:

Hissong, T L (Terry)

Thursday, October 14, 2010 9:20 AM

To:

Clark, Carol S

Subject:

FW: Vacuuming Status

Carol, please print 10 copies of this email

From: Broussard, Jeffrey J

Sent: Wednesday, October 13, 2010 4:44 PM

To: Boyd, Wally J Cc: Hissong, T L (Terry) Subject: Vacuuming Status

Wally,

A breakdown of vacuuming as we sit now (still working NLOP cubicle equivalent).

#### East Bay vacuuming complete

Committed Cubicles 96 Extra Cubicles Vacuumed 1401 **Total Cubicles Vacuumed** 1497

#### Center Bay vacuuming complete

Committed Cubicles 164 Extra Cubicles Vacuumed 501 **Total Cubicles Vacuumed** 665

#### West Bay vacuuming complete

Committed Cubicles 130 Extra Cubicles Vacuumed 382 Total Cubicles Vacuumed 512

#### Other Committed Areas

#### Weasel Pit Outer Area vacuuming complete

Cubicle equivalent for Weasel Pit Outer Area

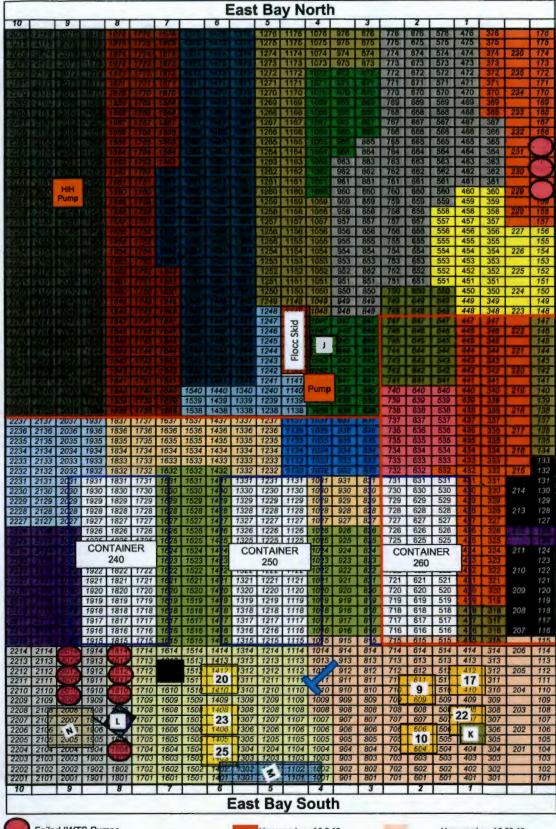
#### NLOP currently being vacuumed

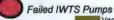
I'm working on cubicle equivalent now but, we estimate 85% complete. Estimate is a best guess due to the extremely low visibility.

#### Summary

430 Total Committed Cubicles Completed (including equivalents except NLOP) **Total Extra Cubicles Vacuumed** 2284 2714

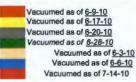
Total Cubicles Vacuumed (including equivalents except NLOP)





J Small Pump Skid K Grafoil 8ag Skid Vacuumed as of 6/30/10 Vacuumed as of 7/1/10 L MCO Basket Well

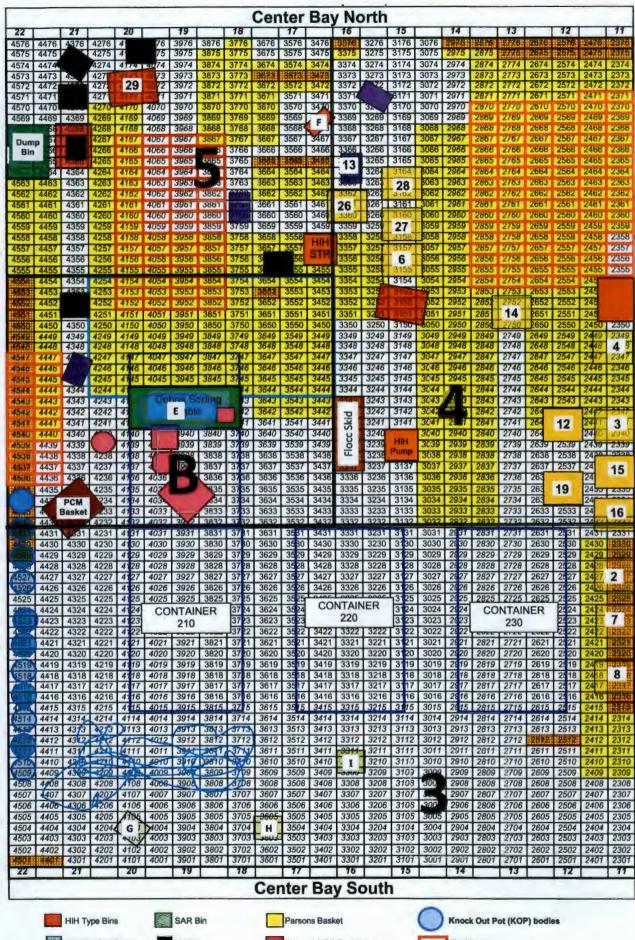
L MCO Basket Well M Fuel Disassembly Table



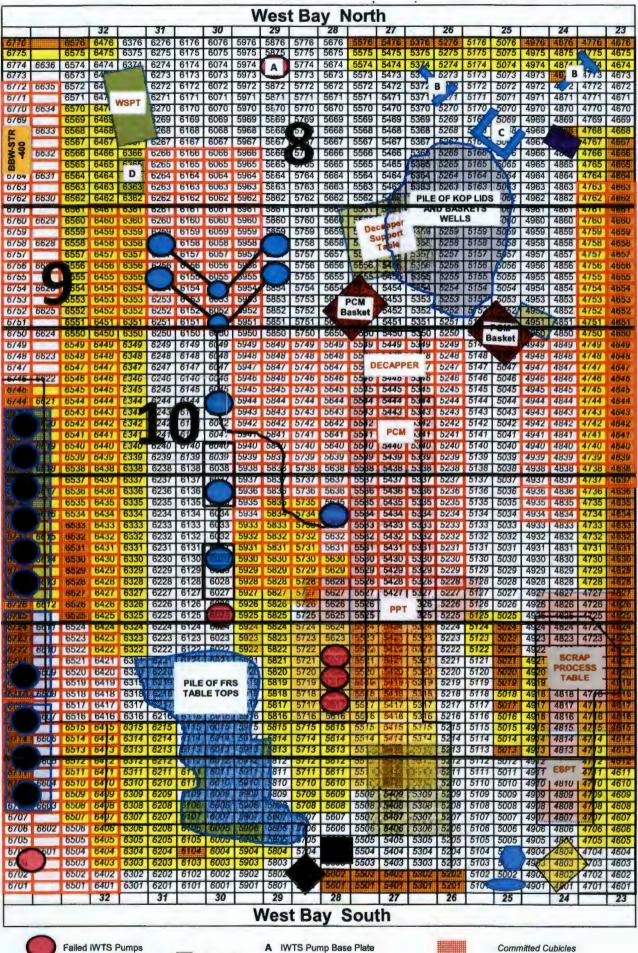
Vacuumed as of <u>5-23-10</u>
Vacuumed as of <u>5-25-10</u>
Vacuumed as of <u>5-25-10</u>
Vacuumed as of <u>5-27-10</u>
Vacuumed as of <u>6-1-10</u>
Vacuumed as of <u>6-2-10</u>
Vacuumed as of <u>7-15-10</u>
Vacuumed as of <u>7-15-10</u>

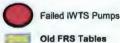


as of 10-5-10 as of 10-6-10









**Fuel Racks** 

Lid Bin

Parsons Basket

- **IWTS Pump Base Plate** Tri-Nuc Pumps
- **Empty MCO Basket Table** D IWTS Strainer Dump Can Rack as of 9-16-10

# ATTACHMENT 3 100K AREA PROJECT MANAGERS' MEETING CHANGE NOTICE STATUS

#### October14, 2010

**TPA-CN-383** - Modifies DOE/RL-2005-33, Rev. 1, 100K Area Interim Safe Storage and D4 Project Waste Sampling and Analysis Plan, by revising the sampling requirements for the 105-KE Reactor Graphite Pile Characterization and deleting the requirement to sample for physical properties of the bioshield.

Status: Change notice has been approved by RL and EPA.

KE/105-KW R and 181-KE fr	- Modifies DOE/RL-2005-26, Rev. 1, Removal Action Work Plan for the 105-eactor Facilities and Ancillary Facilities to move 181-KW from Phase 1 to Phase 3 om Phase 3 to Phase 1. Additionally, 1605-KE is added to the list of Phase 1 605-KW is added to the list of Phase 3 facilities.
	11 DI 15D1
Status: Chang	ge notice has been approved by RL and EPA.
	ints and Agreements: